

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                     |   |                             |
|-------------------------------------|---|-----------------------------|
| In re patent Application of         | ) | Group Art Unit: 2186        |
| Paul Brian Ripy, et al.             | ) | Examiner: Hetul B. Patel    |
| Application No. 10/763,432          | ) | SUPPLEMENTAL INFORMATION    |
| Filed: January 23, 2004             | ) | <u>DISCLOSURE STATEMENT</u> |
| For: METHOD AND APPARATUS OF ADDING | ) |                             |
| GRANT INFORMATION TO A MEMORY       | ) |                             |
|                                     | ) |                             |
|                                     | ) |                             |
|                                     | ) |                             |

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Applicants submit herewith information of which applicants are aware, which applicants believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☐ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits.

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, in an envelope, addressed to Mail Stop Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 05-15-06.

Dated: May 15, 2006 By: [Signature]

(d) ☒ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.

(e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$180) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

(f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

(g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publications(s) is set forth on the attached Form PTO-1449 (Modified). A copy of the items on PTO-1449 (Modified) is supplied herewith:

(h) ☐ each

(i) ☐ none

(j) ☒ only those listed below:

U.S. Application No. 10/669,192, Paul B. Ripy, et al., Filed September 23, 2003.

"Real-Time Self-Granting, Centrally Directed Distributed Arbitration With Fairness", March 1, 1995, IBM Technical Disclosure Bulletin, Vol. 38, Issue 3, pps. 421-424.

Those patent(s) or publication(s) which are marked with an asterisk (\*) in the attached form PTO-1449 (Modified) are not supplied because they:

☐ were previously cited by or submitted to the Office in a prior application no. \_\_\_\_\_ filed \_\_\_\_\_ and relied upon in this application for an earlier filing date under 35 U.S.C. § 120 or

☒ are hereby waived pursuant to 37 CFR 1.98 (a)(2)(i) for all U.S. national patent applications filed after June 30, 2003.

A concise explanation of relevance of the described above and attached information

is:

- (k) ☒ not given
- (l) ☐ given for each listed item
- (m) ☐ given for only non-English language listed item(s) [Required]
- (n) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

While the information disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that the information referred to is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the above-described and attached information.

Respectfully submitted,

Dated: 5-15-06

By: Mark C. Pickering  
Mark C. Pickering  
Reg. No. 36,239

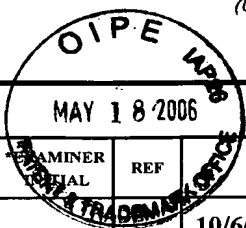
Attorney for Assignee

Atty. Docket No: 200-66300 (PB040046AF)

P.O. Box 300  
Petaluma, CA 94953-0300  
Direct Telephone: (707) 762-5583  
Main Telephone: (707) 762-5500  
Facsimile: (707) 762-5504  
Customer No. 56929

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



|   |   |
|---|---|
| Docket Number (Optional)<br><b>200-66300 (PB040046AF)</b> | Application Number<br><b>10/763,432</b> |
| Applicant(s)<br><b>Paul Brian Ripy, et al.</b>            |   |
| Filing Date<br><b>January 23, 2004</b>                    | Group Art Unit<br><b>2186</b>           |

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE     | NAME                 | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|----------|----------------------|-------|----------|-------------------------------|
|                      |     | 10/669,192      |          | Paul B. Ripy, et al. |       |          | 09/23/03                      |
|                      |     | *5,867,670      | 02/02/99 | Kim, et al.          | 395   | 293      | 05/05/97                      |
|                      |     | *6,035,361      | 03/07/00 | Kim, et al.          | 710   | 113      | 07/23/98                      |
|                      |     | *6,185,647 B1   | 02/06/01 | Shibuya              | 710   | 107      | 05/14/98                      |
|                      |     | *6,286,083 B1   | 09/04/01 | Chin, et al.         | 711   | 151      | 07/08/98                      |

## U.S. PATENT APPLICATION PUBLICATIONS

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER  | DATE     | NAME                        | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|------------------|----------|-----------------------------|-------|----------|-------------------------------|
|                      |     | *2002/0112106 A1 | 08/15/02 | Henehan, et al.             | 710   | 113      | 12/15/00                      |
|                      |     | *2004/0064615 A1 | 04/01/04 | Hammitt, et al.             | 710   | 107      | 10/01/02                      |
|                      |     | *2004/0081145 A1 | 04/29/04 | Harrekilde-Petersen, et al. | 370   | 362      | 07/14/03                      |
|                      |     | *2004/0267991 A1 | 12/30/04 | Delaney                     | 710   | 107      | 06/30/03                      |

## FOREIGN PATENT DOCUMENTS

|  | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----|-----------------|------|---------|-------|----------|-------------|----|
|  |     |                 |      |         |       |          | YES         | NO |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |
|--|--|--|
|  |  | "Real-Time Self-Granting, Centrally Directed Distributed Arbitration With Fairness", March 1, 1995, IBM Technical Disclosure Bulletin, Vol. 38, Issue 3, pps. 421-424. |
|  |  |  |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)

200-66300 (PB040046AF)

Application Number

10/763,432

Applicant(s)

Paul Brian Ripy, et al.

Filing Date

January 23, 2004

Group Art Unit

2186

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE     | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|----------|-----------------|-------|----------|-------------------------------|
|                      |     | *6,311,244 B1   | 10/30/01 | Sheafor, et al. | 710   | 107      | 07/19/00                      |
|                      |     | *6,512,769 B1   | 01/28/03 | Chui, et al.    | 370   | 395      | 06/03/98                      |
|                      |     | *6,636,915 B1   | 10/21/03 | Dabby, et al.   | 710   | 240      | 05/19/00                      |
|                      |     | *6,718,422 B1   | 04/06/04 | Kelley, et al.  | 710   | 309      | 07/29/99                      |
|                      |     | *6,768,745 B1   | 07/27/04 | Gorshe, et al.  | 370   | 421      | 03/31/99                      |

**U.S. PATENT APPLICATION PUBLICATIONS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|------|------|-------|----------|-------------------------------|
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----|-----------------|------|---------|-------|----------|-------------|----|
|  |     |                 |      |         |       |          | YES         | NO |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)

**200-66300 (PB040046AF)**

Application Number

**10/763,432**

Applicant(s)

**Paul Brian Ripy, et al.**

Filing Date

**January 23, 2004**

Group Art Unit

**2186**

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER      | DATE            | NAME                | CLASS      | SUBCLASS   | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|----------------------|-----------------|---------------------|------------|------------|-------------------------------|
|                      |     | <b>*6,907,491 B2</b> | <b>06/14/05</b> | <b>Moss</b>         | <b>710</b> | <b>309</b> | <b>06/05/02</b>               |
|                      |     | <b>*7,003,609 B2</b> | <b>02/21/06</b> | <b>Ripy, et al.</b> | <b>710</b> | <b>113</b> | <b>09/23/03</b>               |
|                      |     |                      |                 |                     |            |            |                               |
|                      |     |                      |                 |                     |            |            |                               |
|                      |     |                      |                 |                     |            |            |                               |

**U.S. PATENT APPLICATION PUBLICATIONS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|------|------|-------|----------|-------------------------------|
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----|-----------------|------|---------|-------|----------|-------------|----|
|  |     |                 |      |         |       |          | YES         | NO |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.